

LISTING OF CLAIMS

1. (Currently Amended) A vehicle panel (10), comprising:
a core layer (12), and
a layer of heat formable metalized film layer (14) bonded to said core layer (12), wherein said layer of metalized film layer (14) ~~forms an exterior surface of the vehicle panel (10) proximate to a source of heat when the vehicle panel (10) is in use~~ is formed in a non-flat topography for matching a contoured surface of an adjacent vehicle surface.
2. (Currently Amended) The vehicle panel of Claim 1, wherein said layer of metalized film (14) is made of a material that is compatible with said core layer (12).
3. (Currently Amended) The vehicle panel of Claim 2, wherein said layer of metalized film (14) comprises polyethylene terephthalate (PET).
4. (Currently Amended) The vehicle panel of Claim 1, wherein said core layer (12) is made of an insulating material.
5. (Currently Amended) The vehicle panel of Claim 4, wherein said core layer (12) comprises polypropylene material.
6. (Currently Amended) The vehicle panel of Claim 1, wherein said vehicle panel (10) comprises a headliner.

7. (Currently Amended) The vehicle panel of Claim 6, wherein said layer of metalized film ~~(14)~~ is positioned nearest to a vehicle roof when the vehicle panel ~~(10)~~ is in use.

8. (Cancel)

9. (New) A vehicle panel, comprising:
a core layer, and
a heat formable metalized film layer bonded to said core layer, wherein said layer of metalized film is formed in a non-flat topography for matching a contoured surface of an adjacent vehicle surface substantially without an air gap therebetween.

10. (New) The vehicle panel of Claim 9, wherein said layer of metalized film is made of a material that is compatible with said core layer.

11. (New) The vehicle panel of Claim 10, wherein said layer of metalized film comprises polyethylene terephthalate (PET).

12. (New) The vehicle panel of Claim 9, wherein said core layer is made of an insulating material.

13. (New) The vehicle panel of Claim 12, wherein said core layer comprises polypropylene material.

14. (New) The vehicle panel of Claim 9, wherein said vehicle panel comprises a headliner.

15. (New) The vehicle panel of Claim 14, wherein said layer of metalized film is positioned facing a vehicle roof when the vehicle panel is in use.

16. (New) A method of manufacturing a vehicle panel having a non-flat topography, comprising the steps of:

positioning a core layer on a first mold half of a mold tool;

positioning a heat formable metalized film on a second mold half of the mold tool; and

closing the first and second mold halves and applying heat to the core layer such that the heat from core layer is transferred to the metalized film, whereby the metalized film becomes formable and bonds to the core layer, and whereby the metalized film forms a metalized contoured panel matching an exterior surface of a vehicle.

17. (New) The method of Claim 16, wherein the vehicle panel is attached to a vehicle surface substantially without an air gap.

18. (New) A vehicle roof construction comprising:
a non-flat vehicle roof;
a contour following headliner attached to an interior of said vehicle roof substantially without an air gap;
said headliner comprising a thermoformed contour following metalized film layer facing said vehicle roof; and
a core layer heat bonded to said metalized film layer during thermoforming of the headliner.

19. (New) The vehicle roof construction of Claim 18, wherein the metalized film layer comprises:

a polyethylene terephthalate (PET).

20. (New) The vehicle roof construction of Claim 18, wherein the core layer is made of an insulating material.

21. (New) The vehicle roof construction of Claim 18, wherein the core layer comprises a polypropylene material.

22. (New) The vehicle roof construction of Claim 20, further comprising a second layer attached thereto or a surface opposite of said metalized film layer.

23. (New) The vehicle roof construction of Claim 22, wherein said second layer is a fabric material.